

Title (en)

A LAMELLAR INSULATION MAT AND A PRODUCTION LINE FOR MANUFACTURING THE LAMELLAR INSULATION MAT

Title (de)

LAMELLARE DÄMMMATTE UND FERTIGUNGSLINIE ZUR HERSTELLUNG DER LAMELLAREN DÄMMMATTE

Title (fr)

MATELAS ISOLANT LAMELLAIRE ET LIGNE DE PRODUCTION POUR LA FABRICATION D'UN MATELAS ISOLANT LAMELLAIRE

Publication

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Application

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Priority

PL 41208115 A 20150421

Abstract (en)

A lamellar insulation mat comprising a set of lamellas constituting its width is characterised in that its set of lamellas (2) is made of polyester fibres the base of which is poly(ethylene terephthalate) (PET). Further, a production line for manufacturing the lamellar insulation mat comprises a loading-receiving table (8), a belt conveyor (9) situated downstream the table provided with two side strip guides (22) and situated transversely with respect to a two-segment roller/multi-belt conveyor (10), while between said table and said belt conveyor there is a pressure-cutting unit (11), whereas said two-segment conveyor, inner end of which is supported on a supporting structure (21), is connected with transversely situated pressure beam (18) resting on belt conveyor (16) situated cascade-like and parallel to said two-segment conveyor, and the supporting structure of said belt conveyor is equipped with the assembly (37) for unrolling a lining material, a set of spraying nozzles (41) spraying an adhesive onto the material, a set of pressure rollers (34), and a flying saw (43).

IPC 8 full level

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